APPENDIX 3
LIST OF CONSTITUENTS TO BE TESTED AND FREQUENCY OF REQUIRED MONITORING

CONSTITUENT	UNITS	INITIAL FREQUENCY OF SAMPLING AND ANALYSIS[1]
Flow	CFS Ft^3/Sec	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
pH	pH units	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Temperature	^{0}F	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Dissolved Oxygen	mg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Turbidity	NTU	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Total Suspended Solids	mg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Chloride	mg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during

[1] The monitoring frequency will be structured in two phases. The first phase covers the monitoring conducted during the 2-year period from submittal of the NOI . During the first phase, the frequency of monitoring shall be twice during each dry weather period and twice during each wet weather period. The second phase covers the period from the end of the first phase until the expiration of the Conditional Waiver. During the second phase, the frequency of the monitoring shall be once during each dry weather period and once during each wet weather period. Toxicity shall be monitored at least once during each dry weather period.

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		irrigation
Ammonia	mg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Nitrate-Nitrogen	mg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples during irrigation
Aldrin	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Chlordane	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
4,4'-DDT	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
4,4'-DDD	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
DDE	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Dieldrin	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Toxaphene	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Chlorpyrifos	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the

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		wet season, and (3) 2 dry season samples immediately following a pesticide application
Pyrethroids	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Diazinon	µg/L	Discharger shall collect water samples during the first hour of discharge from (1) the first storm event of the wet season, (2) one other storm event in the wet season, and (3) 2 dry season samples immediately following a pesticide application
Toxicity	TU_c[2]	One sample immediately following pesticide application

[2] Chronic Toxic Unit is the reciprocal of the effluent concentration that causes no observable effects on the test organism to die by the end of an chronic toxicity test